

SKY-ES15/W1MS

Operating Instructions

To users:

Thank you for using our 15" LCD-TV. After unpacking, please check that you have the following items: Operating instructions, Remote control, AC adapter, AC wire, RF cable.

Before connecting the LCD-TV and turning the power on, please read this book carefully. Please keep this book for later use. When it was loss of function by electrostatic shock, please switch the on/off button for restoring the function.

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1- Safety notice items

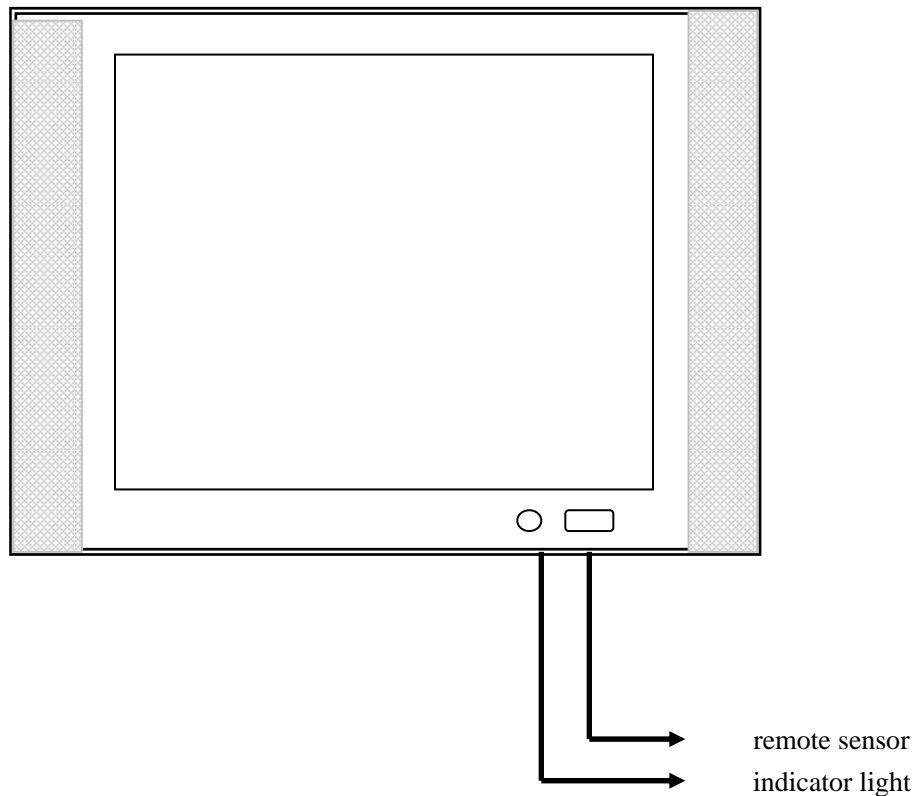
Incorrect usage will cause fire or electric shock. To prevent this, please do as required when you are installing, using and cleaning this machine. To insure your safety and extend the life-span of LCD-TV, please read the following items carefully before using:

- Please read and understand all the instructions before operation;
- Please keep the book for later use;
- Please comply with the warning instructions on the machine and in this book strictly;
- Please comply with the instructions provided;
- Please do not use additional devices that are not recommended by manufacturer.
- Before operation, please make sure that the operating voltage of your unit is normal ;
- Do not place the unit on unstable, dusty and humid places;
- Never put the unit in direct sunlight or near heat sources;
- Allow enough space for proper ventilation;
- Please keep water away from the LCD-TV . If water comes in contact with the LCD-TV, disconnect the power cord from the power source, then wipe the set with a dry soft cloth;
- Do not remove the back cover. If services were need, please refer to qualified personnel;

Basic fonctions

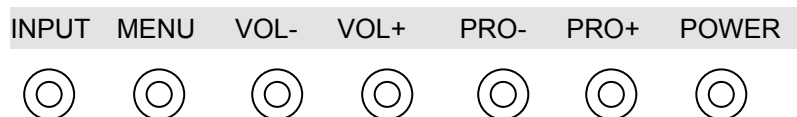
- 1- Can be connected with analog RGB input
- 2- Can be connected with CVBS and S-VIDEO input
- 3- Can receive SCART signal
- 4- Can receive TV signal

3- Product Overview



4- Control Panel Overview

(1) Control Panel Illustration:



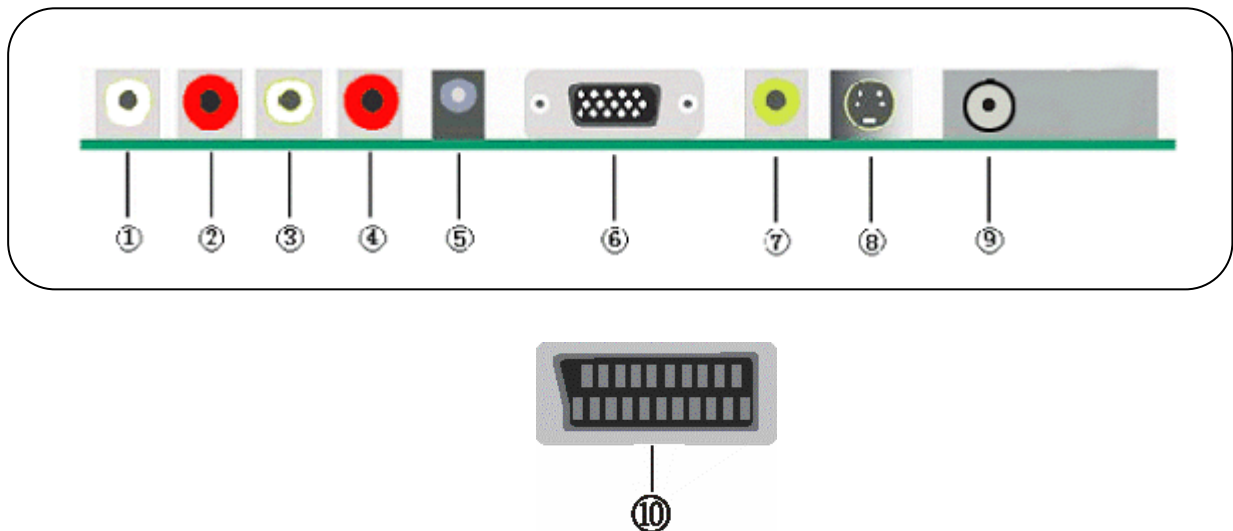
Control Panel Functions:

- | | |
|----------|---|
| 1- INPUT | - Select the input signals : TV / SCART / PC / AV / S-VIDEO |
| 2- MENU | - Enter into MENU / ENTER |
| 3- VOL - | - Volume down / Left orientation |
| 4- VOL+ | - Volume up / Right orientation |
| 5- PRO- | - TV channel down |
| 6- PRO+ | - TV channel up |
| 7- POWER | - Power supply switch |

Indicator Light Status

When a signal input is detected, the indicator light turns green. If no signal input is detected, the light turns orange. The indicator light is red when the TV is in standby mode.

(2) Illustration of Connectors

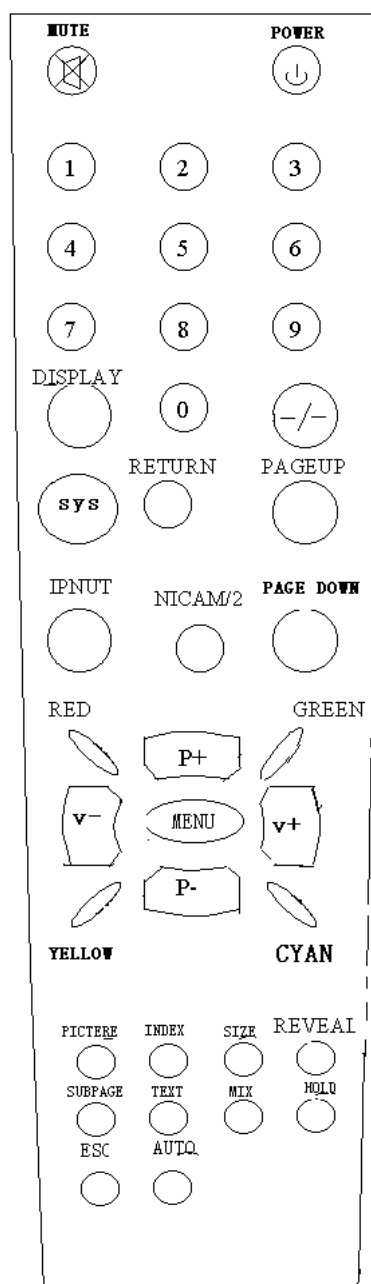


Connectors descriptions:

- ① 、 ② : L/R(Left Audio channel / Right Audio channel) PC sound card audio inputs
- ③ 、 ④ : L/R audio inputs (AV) from exterior AV devices such as DVD players, Video Camera's etc.
- ⑤ : Power input connector, connect power supply adaptor here.
- ⑥ : DB15 VGA interface, connect power supply adaptor here
- ⑦ : Composite video input, connect video input from external device here
- ⑧ : S-VIDEO input, connect video input from external device here
- ⑨ : Antenna input, connect antenna connector or aerial interface here to receive cable / aerial signal
- ⑩ : Scart input interface

5- Remote Control Overview

1- Remote control Illustration



1- Illustration of the keys on the remote control:

Table 1

1. POWER		Power supply switch
2. INPUT		Select TV / SCART / PC / AV / S-VIDEO
3. ESC		Exit
4. MENU		MENU / ENTER
5. MUTE		MUTE
6. V -		Volume down / Left orientation
7. V+		Volume up / Right orientation
8. P+		TV channel up
9. P-		TV channel down
10. AUTO		Auto Adjust (PC MODE)
11. 0~9		TV channel number select or teletext page number select
12. -/--		One bit or two bit TV channel select
13. DISPLAY		Display current TV channel or cancel
14. RETURN		Quick TV channel switch
15. NICAM/A2		NICAM / Mono, stereo, Dual I + II
16. SYS		TV System select
T E L E T E X T	17. PAGE UP	Increase the page number by one
	18. PAGE DOWN	Decrease the page number by one
	19. TEXT	Switch to the Teletext with text mode
	20. MIX	Switch to the Teletext with mix mode
	21. HOLD	Hold on or off for current page display
	22. PICTURE	Turn off Teletext and switch to TV mode
	23. INDEX	Request index page.
	24. SIZE	Change display size.
	25. REVEAL	Reveal or hidden the hidden words
	26. SUBPAGE	Sub coded page access
T	27. RED	Correspond to the differently colored subjects
	28. GREEN	
	29. YELLOW	
	30. CYAN	

6- Connection between different input signals

A) Connect with PC signal

You can use your LCD-TV as a monitor for your personal computer using a VGA cable (not supplied).

Connection steps :

- Read the user guide supplied with your computer and ensure that it has a VGA connector;
- Make sure that the power of the LCD-TV and the PC are off;
- Connect a D type 15-pin VGA interface cable (not supplied) to the VGA video interface connector on the PC. Then connect the other end to the VGA video interface connector on the back of the LCD-TV. Tighten the screws on the VGA connectors once they are firmly connected;
- Turn on the power of the LCD-TV first, and then turn on the power of the PC;
- Press the INPUT button to set the video input mode of the LCD-TV to "PC";
- Our LCD-TV can support the resolutions list in table 2. If the resolution you want is not listed, the LCD-TV may not display the image properly,

Table 2

Resolution	640x480	800x600	1024x768	720x400
Horizontal frequency (KHz)	20-55	20-55	20-70	31.47
Vertical frequency (Hz)	60-85	60-85	60-75	70
Clock (MHz)	32.5-60	32.5-60	25-80	28.322

B) Connect to external AV devices using Composite and S-Video inputs

Connection steps :

- Read the user guide supplied with your AV devices and ensure that it has Composite or S-Video connectors;
- Make sure that the power of the LCD-TV and the AV device are off;

- Connect a Composite video cable (not supplied) to the yellow composite video connector input on the back of the LCD-TV. Now insert the other end of the composite cable into the yellow composite connector output on the AV device.
- Alternatively connect a S-Video Cable (not supplied, provide better image quality) to the S-Video connector on the back of the LCD-TV. Now insert the other end of the S-Video cable into the S-Video connector on the AV device;
- Connect the RCA audio cables (not supplied, white and red connectors) from the AV devices' RCA audio output connectors to the RCA audio input connectors on the back of the LCD-TV;
- Connect an antenna cable (CATV) to the corresponding interface connector (75 Ω ANT) on the back of the LCD-TV. Connect the other end of the antenna cable to the antenna output connector on the VCR or DVD recorder. Now you are able to view and record a TV signal at the same time;
- Turn on the power of the LCD-TV first, and then turn on the power of the AV device;
- Press the INPUT button to set the video input mode of the LCD-TV to "S-VIDEO" mode or "AV" mode;

C) Connect with TV signal

Connection steps :

- Make sure that the power of the LCD-TV is off;
- Connect an antenna cable (CATV) to the corresponding interface connector (75 Ω ANT) on the back of the LCD-TV. Connect the other end of the antenna cable to the antenna connector on the wall or on your digital cable / satellite receiver. Now you are able to view regular cable TV;
- Turn on the power of the LCD-TV;
- Press the INPUT button to set the video input mode of the LCD-TV to "TV" mode. The channel number appears in the top left side of the screen;
- You can use key P+ /P- button or the number keys on the remote control to select the channel you want to watch;

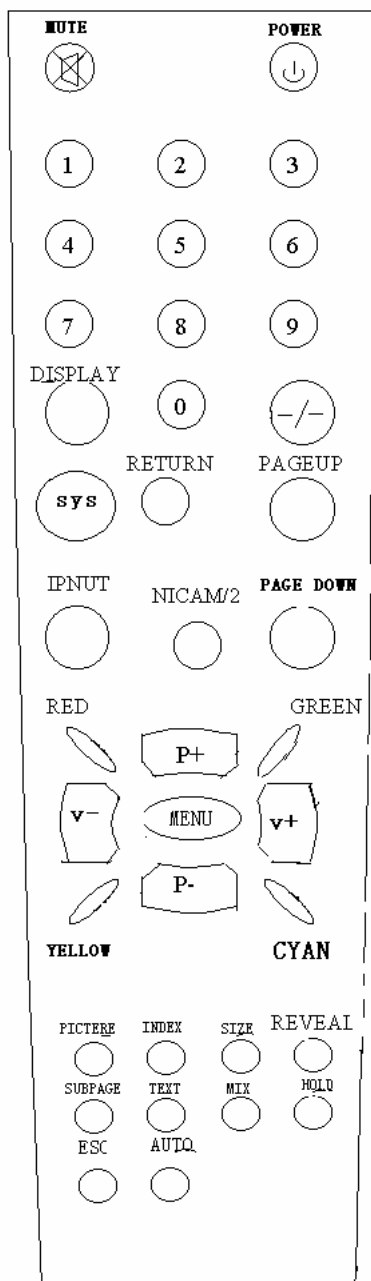
D) Connect with SCART signal

Connection steps :

- Read the user guide supplied with your AV devices and ensure that it has a scart connector;
- Make sure that the power of the LCD-TV is off;
- Connect a SCART cable to the corresponding interface connector on the back of the LCD-TV;
- Turn on the power of the LCD-TV;
- Press the INPUT button to set the video input mode of the LCD-TV to "SCART" mode;

7- Basic operating instructions

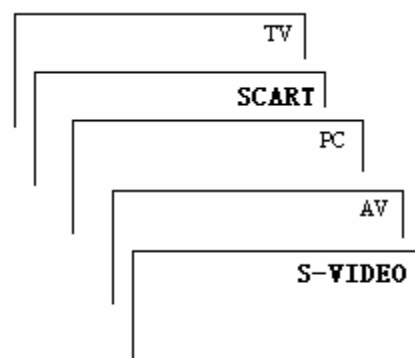
Turn on the LCD-TV



When the power button is pressed and the LCD-TV is turned on, the indicator light on the front of the LCD-TV changes from red to orange or green. If an input signal is detected, the light turns green. If no input signal is detected, the light remains orange. When the LCD-TV is turned on, the input mode is displayed on the screen. When the LCD-TV is turned off using the power button, the LCD-TV will go into standby mode and the indicator light turns red.

Note:

The display of the input mode will disappear in 3 seconds.



Switch Among Different Inputs:

TV / SCART / PC / AV / S-VIDEO

Press the **INPUT** button to select the input mode you want.

Each time you press the **INPUT** button, TV, SCART, PC, AV, S-VIDEO, will appear on the screen in the order.

Note:

The display of the input mode will disappear in 3 seconds.

1. Press the **VOL +** button to increase the volume. A number will appear on screen indicating the volume level.
2. Press the **VOL -** button to decrease the volume. A number will appear on screen indicating the volume level.



Mute

1. Press the **MUTE** button to mute the sound temporarily. A Mute icon appears on the screen.
2. Press the **MUTE** button again to restore the sound. The Mute icon disappears.

Note :

When you turn the LCD-TV off, the mute function is canceled automatically.

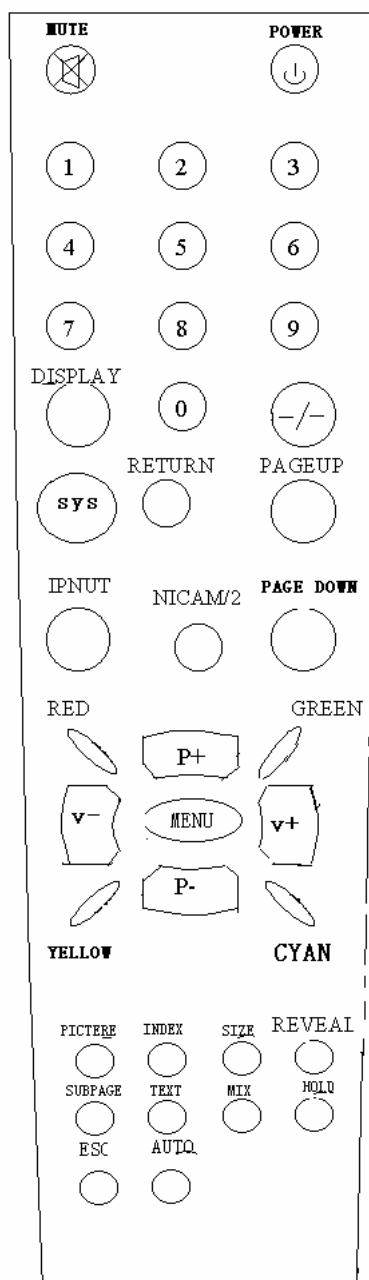
Select the TV channel you want

You can use the number keys on the remote control to directly select TV channels.

The LCD-TV can store up to 99 channels (1 to 99), and you can press the keys on the remote control or on the panel to make a selection.

- 1- Press the relevant key on the remote control if you want to choose any channel from 1 to 9. (for example: if you want to choose channel 8, just press the key number 8.)
- 2- If you want to choose a channel bigger than 9, please press the “-/” button until “-/” is indicated on the screen. Enter the two digits of the channel number you want to watch.. (for example: select channel 16)

8- TELETXT



Teletext features may vary depending on the Broadcasting Companies and is only available if the channel selected is transmitting Teletext. Pressing the Picture button whilst in Teletext operation will switch the current status to TV. When in Teletext mode, the volume may still be altered to the desired listening level.

Page Selection

Pages can be selected in two ways:

- a. Press **Page Up** or **Page Down** button to increase or decrease the page number by one.
- b. By entering the page number, using the number keys on the remote control.

Size Button

Press **Size** to change display size : normal => large top => large bottom => normal.

Reveal Button

Press **Reveal** to reveal hidden words e.g. quiz page answers. Press again to hide.

Red/Green/Yellow/Cyan Buttons

These four buttons correspond to the differently coloured subjects.

Hold Button

Press **Hold** to remain the Teletext page when viewing multi-page information

Press again to return to automatic page update.

Index Button

Press **Index** to return to the main index page.

Depending on the way information is transmitted, this may have to be pressed more than once to return to the main index page.

Subpage Button

When Teletext information exceeds more than one page, it may take some time for the automatic changing of the sub pages to reach the sub page you require.

It is possible to enter your required sub page and continue watching the normal programme until the correct sub page is found.

Select the required page number using buttons 0-9.

If the top of the page indicates that sub pages are being transmitted yet the page does not change, then the number at the top of the page is there to indicate that the broadcaster has updated the page's contents, there are no sub pages.

Press **Subpage**, page number/---- will be displayed at the Bottom right of the screen.

Enter desired sub page number before the page number/---- disappears. To select page 6 enter 0,0,0 and 6.

Text Button

Press **Text** to enter Teletext mode and only the text page can be visible.

Mix Button

Press **Mix** to enter Teletext mode and both the TV picture and text page can be visible.

Picture Button

Press **Picture** to turn off the Teletext.

9- NICAM / A2

Usually set to **stereo** to provide the best reproduction, but if reception deteriorates or if the service is not available then switch to **Mono**.

Mono(M1) and **(M2)** can also be selected if a mono signal is being transmitted.

NICAM/A2 Button

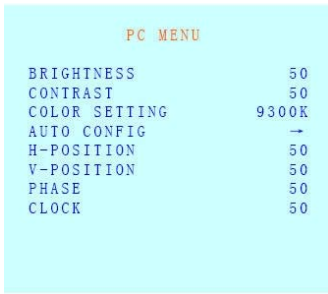
Press **NICAM/A2** to switch sound mode.

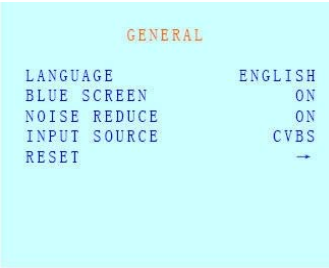
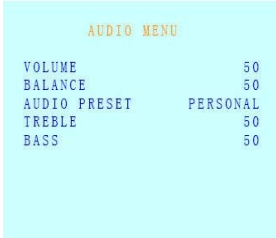
10- Menu operations

You can modify certain parameters of the LCD-TV in the menu system. Please read the following descriptions to get an understanding of each adjustable parameter.

Input mode PC

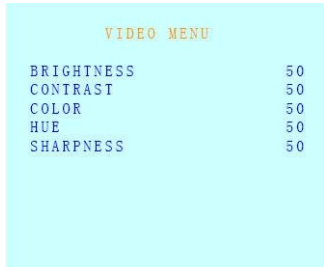
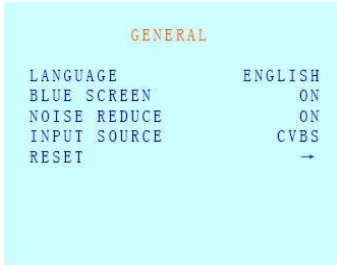
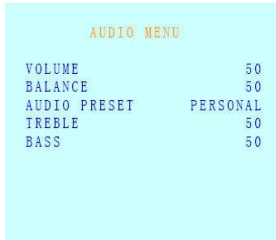
- 1- Press **MENU** button to either display the "PC" or "GENERAL" or "AUDIO" menu.
- 2- Press KEY P+/P- to scroll through the parameters
- 3- Press .V+ / V- buttons to make changes to the parameters
- 4- Press the ESC button to exit the menu .

Name of submenu	Picture of submenu	Instructions
PC MENU	 <pre> PC MENU BRIGHTNESS 50 CONTRAST 50 COLOR SETTING 9300K AUTO CONFIG → H-POSITION 50 V-POSITION 50 PHASE 50 CLOCK 50 </pre>	<p>1 、 Brightness : Adjust the brightness of the picture,the image becomes brighter as the number increase.</p> <p>2 、 Contrast:Adjust the contrast of the picture,the image becomes higher as the number increase.</p> <p>3 、 Color setting: Select between 9300k/6500k/user define</p> <p>4 、 Auto config:.</p> <p>5 、 H-POSITION: Picture horizontal position adjust</p> <p>6 、 V-POSITION: Picture vertical position adjust.</p> <p>7 、 Phase: Removes any horizontal distortion and clears or sharpness the displayed characters.</p> <p>8 、 Clock: Adjust the TFT-LCD to match the video input source.</p>

<p>GENERAL MENU</p>		<p>1 - Language: Change the language of the menu, choose between ENGLISH, GERMAN, FRENCH, SPANISH, ITALIAN, and PORTUGUESE</p> <p>2 - Blue screen: Display the blue screen when no signal.</p> <p>3 - Noise Reduce: Reduce the noise of the picture, provide clearer picture.</p> <p>4 - Input source: Display the current mode.</p> <p>5 - Reset: Resets picture settings to the factory default .</p>
<p>AUDIO MENU</p>		<p>1 - Volume: Adjust the volume.</p> <p>2 - Balance: Adjust the balance of the audio output from left to right.</p> <p>3 - Audio Preset: Four different settings: Personal, Voice, Music and Theatre.</p> <p>4 - Treble: Adjust the treble of the sound, can only be adjust under Personal mode</p> <p>5 - Bass: Adjust the bass of the sound, can only be adjust under Personal mode</p>

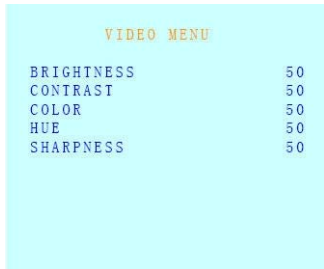
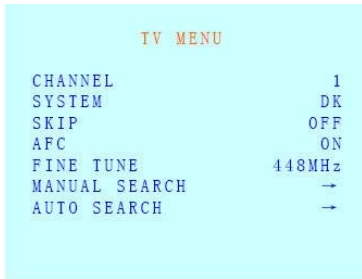
Input mode AV / Scart / S-Video:

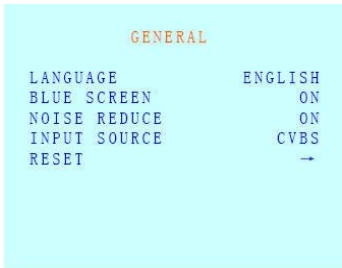
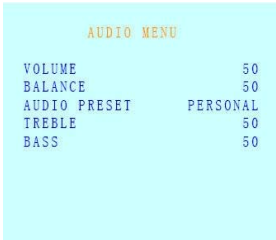
- 1- Press **MENU** button to either display the “VIDEO” or “GENERAL” or “AUDIO” menu.
- 2- Press KEY P+/P- to scroll through the parameters
- 3- Press . V+ / V- buttons to make changes to the parameters
- 4- Press the ESC button to exit the menu .

VIDEO MENU		<p>1 、 Brightness : Adjust the brightness of the picture,the image becomes brighter as the number increase.</p> <p>2 、 Contrast:Adjust the contrast of the picture,the image becomes higher as the number increase.</p> <p>3 、 Color :Adjust the colour.</p> <p>4 、 Hue :Adjust the tone of the picture.</p> <p>Will appear and be adjusted only under NTSC mode.</p> <p>5 、 Sharpness:Adjust the amount of detail enhancement.</p>
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Input mode: TV

- 1- Press **MENU** button to either display the “VIDEO” or “TV” or “GENERAL” or “AUDIO” menu.
- 2- Press KEY P+/P- to scroll through the parameters
- 3- Press . V+ / V- buttons to make changes to the parameters
- 4- Press the ESC button to exit the menu .

Name of menu	Picture of menu	Instructions
VIDEO MENU	 <pre> VIDEO MENU BRIGHTNESS 50 CONTRAST 50 COLOR 50 HUE 50 SHARPNESS 50 </pre>	<p>1 、 Brightness : Adjust the brightness of the picture,the image becomes brighter as the number increase.</p> <p>2 、 Contrast:Adjust the contrast of the picture,the image becomes higher as the number increase.</p> <p>3 、 Color :Adjust the colour.</p> <p>4 、 Hue :Adjust the tone of the picture. Will appear and be adjusted only under NTSC mode.</p> <p>5 、 Sharpness:Adjust the amount of detail enhancement,the image sharpness rises as the number increase.</p>
TV MENU	 <pre> TV MENU CHANNEL 1 SYSTEM DK SKIP OFF AFC ON FINE TUNE 448MHz MANUAL SEARCH → AUTO SEARCH → </pre>	<p>1、 Channel:Change the TV channel.</p> <p>2、 System: Select the TV standard.</p> <p>3、 Skip : If you want skip a channel,you can turn it on and this channel will be skip in the next time.</p> <p>4、 AFC: Auto frequency control.Press the button improve the image quality</p> <p>5、 Fine tune : If the image received is not very good,you can press PRO (P) to select Fine Tuning item in menu.Then,press VOL (V) button to adjust and improve the image quality.</p> <p>6、 Manual Search : Manual search the channel.</p> <p>7、 Auto search : Auto search and save the channel.</p>

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11- Product specifications

Items		Relevant illustrations
LCD		15.0 TFT LCD
Brightness		350cd/m ²
Contrast		350:1
Life-span of the screen backlight		50,000 hours
View angle		Horizontal view angle (L / R): 60° / 60° Vertical view angle (H / L): 40° / 60°
PC input		Horizontal frequency : 20~70kHz Vertical frequency : 60~85Hz
Resolution		1024 * 768 (best resolution 1024*768)
Features	Compatible areas	Europe
	TV standard	PAL/SECAM
	Channel amount	99
Input interface	PC	DB15 VGA input interface
	AV video 、 S video	Composite video input interface、 S video input interface
	TV	75Ω ANT.
	AV2	21 Pin socket (Audio/Video in, Audio/Video out, RGB in)
	Audio	Audio 1 (left、 right audio input interface) Audio 2 (left、 right audio input interface)
Power magnify		3W×2
OSD language		English, German, French, Spanish, Italian, and Portuguese
Power supply		DC 12 V
Power waste		Max 48W
Accessories		Remote control, AC adapter, AC wire, RF cable